

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	David CLAPHAM et al.	Confirmation No.:	1595
Application No.:	10/697,863	Art Unit:	1646
Filed:	October 30, 2003	Examiner:	S. L. Wegert
Title:	SPERM-SPECIFIC CATION CHANNEL, CATSPER1 AND USES THEREFOR		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL RESPONSE UNDER 37 C.F.R. § 1.111(a)(2)**

Dear Madam:

**INTRODUCTORY COMMENTS**

Applicants hereby request entry of this Supplemental Response to the Non-Final Office Action dated November 12, 2010, to which a first Response was filed on May 12, 2011. Please reconsider the application in view of the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.